

J008 Rec'd PCT/PTO 14 OCT 2005

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021  
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO. PCT/JP2004/005250		INTERNATIONAL FILING DATE 13 April 2004	ATTORNEY'S DOCKET NUMBER 64312(46590)
			U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/553,305</b>
			PRIORITY DATE CLAIMED 15 April 2003
<b>TITLE OF INVENTION</b> PROTEIN CAPABLE OF BINDING PLASTICIZER			
<b>APPLICANT(S) FOR DO/EO/US</b> Norihiro Kobayashi et al.			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
<b>Items 11 to 20 below concern document(s) or information included:</b>			
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>			

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U. S. APPLICATION NO. (If known, see 37 CFR 1.75) <b>107553-305</b>		INTERNATIONAL APPLICATION NO. PCT/JP2004/005250	ATTORNEY'S DOCKET NUMBER 64312(46590)																								
<p>20. <input checked="" type="checkbox"/> Other items or information: PCT Request;            Hard Copy of Sequence Listing (pages 9);            (1) Diskette - Containing Computer Readable Sequence Listing;            Drawings (Figs 1-7) (7 Sheets);            Copy of Cover Page of International Publication;            Copy of International Search Report;            Copy of Form PCT/IB/301;            Copy of Form PCT/IB/304;            Copy of Form PCT/IB/308;            Return Receipt Postcard</p>																											
The following fees have been submitted			<b>CALCULATIONS</b>																								
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300			\$ 300.00																								
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations ..... \$200			\$ 200.00																								
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations ..... \$500			\$ 500.00																								
<b>TOTAL OF 21, 22 and 23 =</b>			\$ 1,000.00																								
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																											
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																								
46 - 100 =	/50 =		x \$250.00																								
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			\$ 130.00																								
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>16 - 20 =</td> <td></td> <td>x 0.00</td> </tr> <tr> <td>Independent claims</td> <td>4 - 3 =</td> <td>1</td> <td>x 200.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+</td> </tr> <tr> <td colspan="3"></td> <td><b>TOTAL OF ABOVE CALCULATIONS =</b></td> </tr> <tr> <td colspan="3"></td> <td style="text-align: center;">           \$ 1,330.00         </td> </tr> </tbody> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	16 - 20 =		x 0.00	Independent claims	4 - 3 =	1	x 200.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+				<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,330.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																								
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			\$ 1,330.00																								
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.																											
<b>SUBTOTAL =</b> \$ 1,330.00																											
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).																											
<b>TOTAL NATIONAL FEE =</b> \$ 1,330.00																											
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																											
<b>TOTAL FEES ENCLOSED =</b> \$ 1,330.00																											
			Amount to be refunded: \$																								
			Amount to be charged \$																								

10/553305

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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.



SIGNATURE

SEND ALL CORRESPONDENCE TO:

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(617) 439-4444

Mark D. Russett

NAME

CUSTOMER NUMBER: 21874

41,281

REGISTRATION NUMBER



10/553305

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Application No. (if known): Not Yet Assigned

Attorney Docket No.: 64312(46590)

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 438997768 US in an envelope addressed to:

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Telephone Number

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Transmittal Letter to the United States Designated-Elected Office (3 pages)

Fee Transmittal (1 page)

Application Data Sheet (3 pages)

First Preliminary Amendment (7 pages)

English Translation of Patent Application (46 pp. specification, claims and abstract)

7 sheets of drawings

PCT Request;

Hard Copy of Sequence Listing (pages 9);

(1) Diskette – Containing Computer Readable Sequence Listing;

Copy of Cover Page of International Publication

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